

## I. AMENDMENTS

### A. Claim Amendments

The following replaces all prior versions and listings of claims in the Application:

1        1. (Currently Amended) A spring doctor for cleaning the rolls of a paper machine  
2 during operation comprising:

3              a blade that is essentially the width of a roll being cleaned, and which is attached  
4 attachable to a blade holder; and operating means for creating a desired pressure of said  
5 blade against the roll;

6              wherein said blade is manufactured from a composite material formed of a matrix  
7 and a reinforcement, in which the reinforcement is formed of a fibrous material, so and  
8 that, in operation, said blade is ~~convex in a direction outwards from the roll~~ curved on at  
9 least part of a length of said blade and essentially nondeflecting, and has, in an immediate  
10 vicinity of an attachment location for the blade holder, a bend or curve.

1        2. (Previously Presented) A spring doctor according to Claim 1, wherein the blade  
2 holder is pivoted around a shaft pin, to be able to be rotated to at least a limited extent.

1        3. (Previously Presented) A spring doctor according to Claim 1, wherein said blade  
2 has, at a distance from its point, a plate-like dirt protector.

1        4. (Cancelled).

1        5. (Previously Presented) A spring doctor according to Claim 1, wherein said blade  
2 is a combination of a curved portion and an essentially straight portion.

1        6. (Previously Presented) A spring doctor according to Claim 1, wherein a thickness  
2 of said blade varies over its length.

1           7. (Previously Presented) A spring doctor according to Claim 6, wherein said blade  
2 thins towards its point.

1           8. (Previously Presented) A spring doctor according to Claim 1, wherein a number  
2 or orientation of the reinforcing fibres of the composite material of said blade varies in  
3 different parts of said blade.